INDEX

Antonia, R. A. *See* Zhu & Antonia

Belahadji, B., Franc, J. P. & Michel, J. M. Cavitation in the rotational structures of a turbulent wake, 383–403

Deepak & Evans, J. W. The stability of an interface between viscous fluids subjected to a high-frequency magnetic field and consequences for electromagnetic casting, 133–150

Delale, C. F., Schnerr, G. H. & Zierep, J. Asymptotic solution of shock tube flows with homogeneous condensation, 93–118

Evans, J. W. *See* Deepak & Evans

Evans, N. W. *See* Milinazzo, Shinbrot & Evans

Fichman, M. *See* Goldshtein, Shapiro, Moldavsky & Fichman

Franc, J. P. *See* Belahadji, Franc & Michel

Goldshtein, A., Shapiro, M., Moldavsky, L. & Fichman, M. Mechanics of collisional motion of granular materials. Part 2. Wave propagation through vibrofluidized granular layers, 349–382

Hall, P. Finite-amplitude convection in the presence of an unsteady shear flow, 225–249

Hamilton, J. M., Kim, J. & Waleffe, F. Regeneration mechanisms of near-wall turbulence structures, 317–348

Haniu, H. *See* Sakamoto & Haniu

Hornung, H. G., Willert, C. & Turner, S. The flow field downstream of a hydraulic jump, 299–316

Ingel, L. Kh. *See* Perestenko & Ingel

Kim, J. *See* Hamilton, Kim & Waleffe

Koch, D. L. *See* Koch & Koch

Koch, D. M. & Koch, D. L. Numerical and theoretical solutions for a drop spreading below a free fluid surface, 251–278

Manga, M. & Stone, H. A. Low Reynolds number motion of bubbles, drops and rigid spheres through fluid–fluid interfaces, 279–298

Michel, J. M. *See* Belahadji, Franc & Michel

Milinazzo, F., Shinbrot, M. & Evans, N. W. A mathematical analysis of the steady response of floating ice to the uniform motion of a rectangular load, 173–197

Moldavsky, L. *See* Goldshtein, Shapiro, Moldavsky & Fichman

Nycander, J. Existence and stability of stationary vortices in a uniform shear flow, 119–132

Perestenko, O. V. & Ingel, L. Kh. The occurrence of moist 'anticonvection' in a water–air system, 1–20

Reynolds, A. J. & Wieghardt, K. Another look at unidirectional turbulent flow, 75–92

Ryzhov, O. S. & Timofeev, S. V. Interaction of a potential vortex with a local roughness on a smooth surface, 21–58

Sakamoto, H. & Haniu, H. The formation mechanism and shedding frequency of vortices from a sphere in uniform shear flow, 151–171

Schnerr, G. H. *See* Delale, Schnerr & Zierep

Shapiro, M. *See* Goldshtein, Shapiro, Moldavsky & Fichman

INDEX

Antonia, R. A. *See* Zhu & Antonia

Belahadji, B., Franc, J. P. & Michel, J. M. Cavitation in the rotational structures of a turbulent wake, 383–403

Deepak & Evans, J. W. The stability of an interface between viscous fluids subjected to a high-frequency magnetic field and consequences for electromagnetic casting, 133–150

Delale, C. F., Schnerr, G. H. & Zierep, J. Asymptotic solution of shock tube flows with homogeneous condensation, 93–118

Evans, J. W. *See* Deepak & Evans

Evans, N. W. *See* Milinazzo, Shinbrot & Evans

Fichman, M. *See* Goldshtein, Shapiro, Moldavsky & Fichman

Franc, J. P. *See* Belahadji, Franc & Michel

Goldshtein, A., Shapiro, M., Moldavsky, L. & Fichman, M. Mechanics of collisional motion of granular materials. Part 2. Wave propagation through vibrofluidized granular layers, 349–382

Hall, P. Finite-amplitude convection in the presence of an unsteady shear flow, 225–249

Hamilton, J. M., Kim, J. & Waleffe, F. Regeneration mechanisms of near-wall turbulence structures, 317–348

Haniu, H. *See* Sakamoto & Haniu

Hornung, H. G., Willert, C. & Turner, S. The flow field downstream of a hydraulic jump, 299–316

Ingel, L. Kh. *See* Perestenko & Ingel

Kim, J. *See* Hamilton, Kim & Waleffe

Koch, D. L. *See* Koch & Koch

Koch, D. M. & Koch, D. L. Numerical and theoretical solutions for a drop spreading below a free fluid surface, 251–278

Manga, M. & Stone, H. A. Low Reynolds number motion of bubbles, drops and rigid spheres through fluid–fluid interfaces, 279–298

Michel, J. M. *See* Belahadji, Franc & Michel

Milinazzo, F., Shinbrot, M. & Evans, N. W. A mathematical analysis of the steady response of floating ice to the uniform motion of a rectangular load, 173–197

Moldavsky, L. *See* Goldshtein, Shapiro, Moldavsky & Fichman

Nycander, J. Existence and stability of stationary vortices in a uniform shear flow, 119–132

Perestenko, O. V. & Ingel, L. Kh. The occurrence of moist 'anticonvection' in a water–air system, 1–20

Reynolds, A. J. & Wieghardt, K. Another look at unidirectional turbulent flow, 75–92

Ryzhov, O. S. & Timofeev, S. V. Interaction of a potential vortex with a local roughness on a smooth surface, 21–58

Sakamoto, H. & Haniu, H. The formation mechanism and shedding frequency of vortices from a sphere in uniform shear flow, 151–171

Schnerr, G. H. *See* Delale, Schnerr & Zierep

Shapiro, M. *See* Goldshtein, Shapiro, Moldavsky & Fichman

Shinbrot, M. *See* Milinazzo, Shinbrot & Evans

Stone, H. A. *See* Manga & Stone

Timofeev, S. V. *See* Ryzhov & Timofeev

Turner, S. *See* Hornung, Willert & Turner

Waleffe, F. *See* Hamilton, Kim & Waleffe

Weinbaum, S. *See* Zeng & Weinbaum

Wieghardt, K. *See* Reynolds & Wieghardt

Willert, C. *See* Hornung, Willert & Turner

Zeng, Y. & Weinbaum, S. Stokes problems for moving half-planes, 59–74

Zhu, Y. & Antonia, R. A. Effect of wire separation on X-probe measurements in a turbulent flow, 199–223

Zierep, J. *See* Delale, Schnerr & Zierep